

Nortech Media™

Operation Manual

10.2 inch portable DVD player

Model no. E-DVKIT003



Important Safety Instructions



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USE-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OF MOISTURE.



CAUTION: Laser radiation when open. Do not stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

POWER SUPPLY:

Connect the supplied adapter to the side of the DVD player in the slot marked "Power In". Plug the two-prong end of the power cord to an AC100-240V outlet. If you have difficulty inserting the plug, turn it over and reinsert it, if the unit will not be used for a long time, disconnect the plug from the outlet.

NOTE:

Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

Important Safety Instructions

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer to service manual for servicing instructions.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT

2. DANGER: Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

3. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit. Leave all servicing to qualified service personnel.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Note: Do not touch the color TFT LCD screen by hand directly.

High-quality Audio and Video

Excellent Sound: Dolby Decoder delivers great sound.

AV In: External Audio, Video input can be connected to most external AV sources.

AV Out: Analog Audio output and video output.

Advanced Playing Functions

Compatibility: Compatible with DVD, CD and JPEG discs, etc.

On-Screen Display: You can choose from English, Spanish, French, etc. for the On-screen Display language.

Particular Performance: Multi-speed, fast forward, fast backward and slow forward, slow backward.

Search by Time: Search for a certain track of a disk by selected time.

Last Memory Playback: Memorizes the stopped playback track and continues playing the disk from this spot when power is applied to the unit.

High Resolution: MPEG-2 decoding format achieves more than 500 lines of horizontal resolution.

Other Special Functions

Power Adapter Switch: Automatically adapts to voltage requirements in U.S and other countries.

Special Functions: Supports screen aspect ratio changing, zooming in or out, multi-language caption, multi-angle viewing.

Region Code: DVD players and discs are coded by region. These regional codes must match. If the codes don't match, the disc cannot be played. This player's code is region 1.

Parts

Part List

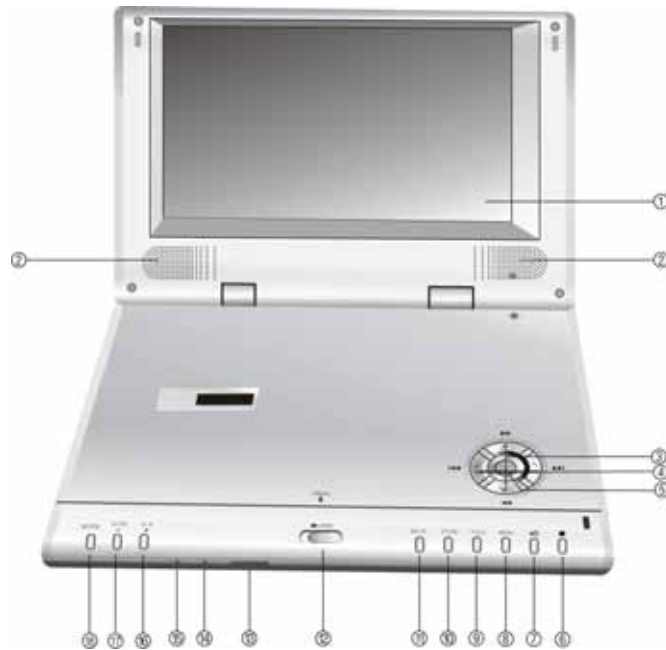
Picture	Part No.	Description	Q'ty
	a	Player	1
	b	Remote Control (with battery)	1
	c	DC Adapter (Car Adapter)	1
	d	Rechargeable Battery Pack	1
	e	Operation Manual	1
	f	Power Supply Cord with AC Adapter	1
	g	Audio/Video Cable	1
	h	Carrying Case	1
	i	Earphone	1

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View of Front Unit

Front View



1. TFT LCD

2. Speaker

The speaker outputs high quality stereo sound.

3. ▽/◀ Button, ▲/▶ Button

▽/◀: direction button and button for searching disc backward.

▲/▶: direction button and button for searching disc forward.

4. ◀/◀◀ Button and ▶/▶▶ Button

◀/◀◀: direction button and button for play the previous track.

▶/▶▶: direction button and button for play the next track.

5. ENT Button

Press to access playback or confirm your selection.

6. ■(Stop) Button

Press to stop playback. Then press ►| button to resume playback from the stopped spot. Press this button twice to stop playback completely.

7. ►| (Play/Pause) Button

Press once to pause playback, then press it again to resume playback.

8. MENU Button

Press to display or cancel the disc menu.

9. TITLE Button

Press to display the title menu if it exists in the disc.

10. ZOOM Button

Press to activate the zoom function.

11. SETUP Button

Press to enter the player's system setup menu.

12.OPEN Button

Push to open the disc tray cover.

13. Remote Control Sensor

Receive signal from the remote control for operation.

14. Power Indicator

Light green when the player is on work; It turns red when the player is in standby mode.

15. Charge Indicator

Light is red when the battery is being charged; green when it is fully charged.

16. A-B /+ Button

A-B: Press to play a certain selected segment repeatedly.

+ Button: Press to increase the level of brightness, contrast and color.

17. SLOW / - Button

SLOW: Press to activate the slow playback function.

-Button: Press to decrease the level of brightness, contrast and color.

18. MODE Button

Press to change the level of brightness, contrast and color.

Press and hold for 1 to 2 seconds to change the aspect ratio between 16:9 and 4:3.

View of Side Panels

Right Side View



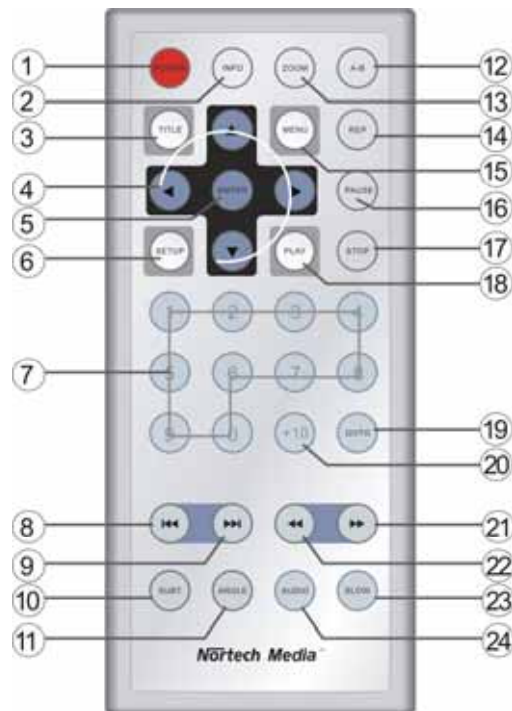
- 1. VOLUME Control**
Used for adjusting the sound level of speakers and headphones.
- 2. Headphone Jack**
When headphones are plugged in, the speakers automatically turn off. You may also use this jack to connect to an external amplifier or audio source.
- 3. AUDIO Input/Output Jack**
Used for connecting to an external amplifier or audio source.
- 4. VIDEO Input/Output Jack**
Used for connecting to an external monitor or video source.
- 5. AV IN/OUT Switch**
Switch to IN, to input an external Audio/Video source. Switch to OUT when the player is connected to an external monitor.
- 6. DC 9.5V IN Jack**
Used for connecting to power supply, including Car Adapter.

Left Side View



- 1. Headphone Jack**
When the headphones are plugged into this unit, the speaker will turn off automatically.
- 2. Power ON/OFF Switch**
Used to switching the power on or off.

Remote Control



- 1. POWER Button**
Press to access standby mode or playback mode.
- 2. INFO Button**
Press to display the detailed information of the disc during playing. Press this button again to exit from the information display.
- 3. TITLE Button**
Press to display title menu if it exists in the disc.
- 4. Direction Buttons**
Press to select different options.
- 5. ENTER Button**
Press to access playback, or confirm your selection.
- 6. SETUP Button**
Press to enter the player's system setup.

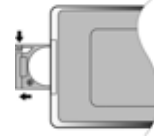
Remote Control

- 7. 0-9 Number Buttons**
Press to select an option in the menu.
- 8. ⏮ PREV Button**
Press to return to the previous list or the previous track or chapter. If it is a DVD disc, it needs to press this button twice to return to the previous track.
- 9. ⏭ NEXT Button**
Press to skip to the next list, track or chapter.
- 10. SUBT Button**
Press to select different subtitle languages if there are multiple subtitle languages existing in the disc.
- 11. ANGLE Button**
Press to access various camera angles if the DVD disc contains multiple camera angles.
- 12. A-B Button**
Press to play a section of the disc from point A to point B. Press once to select the starting point (A), press again to select the end point (B). In A-B repeat playback, press this button again to stop the repeat.
- 13. ZOOM Button**
Press to enter and cycle through zoom functions, use the direction buttons (◀ ▶ ▲ ▼) to move around the screen.
- 14. REP Button**
Press to repeat a chapter, track, title, or the entire disc.
- 15. MENU Button**
Display the actual DVD Disc Menu on screen in play mode.
- 16. PAUSE Button**
Press to pause playback.
- 17. STOP Button**
Press to stop playback. Then press the PLAY button to resume playback from the stopped spot. Press this button twice to stop playback completely.
- 18. PLAY Button**
Press to begin to play.
- 19. GOTO Button**
Press to select the desired disc starting time, track or title.
- 20. +10 Button**
Press this button and the additional number buttons to select item numbers which are greater than 9.
- 21. ⏩ FWD SCAN Button**
Press to search forward fast.
- 22. ⏪ REV SCAN Button**
Press to search backward fast.
- 23. SLOW Button**
Press to activate slow playback function.
- 24. AUDIO Button**
Press to select different languages when a DVD disc which contains multiple audio languages is played. Press to select different audio track when a CD disc is played.

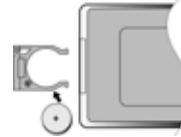
Installation Steps

Follow the steps below to install the battery.

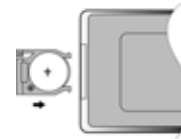
Step1: Pull the battery holder out from the remote control in the direction of the arrow.



Step2: Load a new battery properly with the (+) sided up.



Step3: Insert the battery holder back into the original position.



Battery Property

Battery Type: CR2025 3V

Battery Life: Approximately 1 year under normal use (at room temperature).

Caution

1. Improper use of the battery may cause overheating, explosion or ignition, which can result in an injury or a fire. Battery leakage may damage the remote control.
2. Do not expose the remote control unit to direct sunlight.
3. Do not recharge, disassemble, deform or heat the battery.
4. Do not put the battery in fire or water.
5. Immediately replace the exhausted battery.

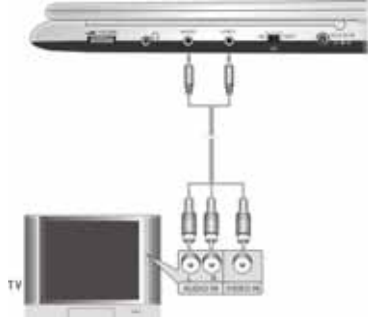
System Connections

- Always ensure that the DVD player, TV and any other electrical equipment to be connected with are switched off and unplugged from the power supply.
- Ensure that you observe the color coding when connecting audio and video cables.

Connecting to TV

Audio/Video connections

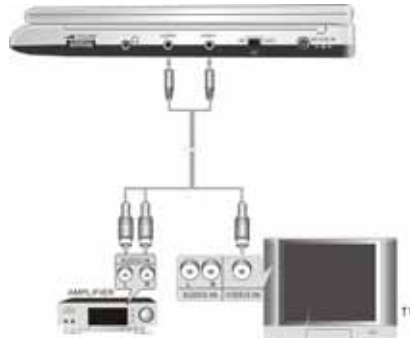
Follow the drawings below to connect the DVD player to TV's Audio/Video inputs with Audio/Video cables.



Connecting to Amplifier

Refer to your Audio equipment's manual before connection.

Follow the drawings below to connect the DVD player to AV amplifier.

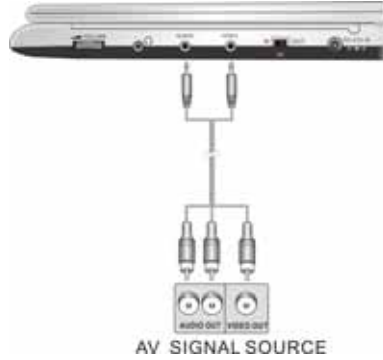


System Connections

Connecting to External AV Source

The player supports AV signal input function. Use the audio/video cable to connect the unit to an external AV signal source such as a DVD, VCR etc. After connecting, push AV IN/OUT switch on the right panel to switch to AV IN.

NOTE: Noise may occur in speakers when there is an external audio signal input while playing a DVD disc. Unplug the audio cord to clear the noise.



Connecting to Headphones

Connect headphones to the headphone jack on each side of the unit.



When headphone is connected, the speakers will turn off automatically.

Power Supply Preparation

Using the AC Adapter

The player is supplied with an AC adapter for powering the unit and charging the battery.

1. Connect AC adapter to the right side of the DVD player in the jack marked "DC 9.5V IN", as shown on the right.
2. Plug the two-prong end of the power cord into a grounded electrical outlet. The power indicator will turn red.

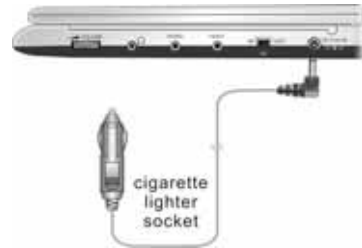


NOTE: Please turn the player's power off before unplugging.

Using of Car Adapter

The player is supplied with a Car Adapter for powering the unit and charging the battery while in a vehicle.

Connect the Car Adapter Power Plug to the unit's power jack and plug the other end to the vehicle's 12V accessory/cigarette socket, as shown on the right figure.




Attention

- Do not operate the unit or view video software while driving a vehicle.
- Place the unit in a proper position for viewing.
- Detach the battery pack when using the AC or car adapter as power source.
- Disconnect the player from the Car Adapter when starting the vehicle.

About Rechargeable Battery Pack

Your portable DVD player comes with a lithium ion rechargeable battery that attaches to the rear of the DVD player. Charge the battery fully before initial use. Charging time is normally about 5 hours. A fully charged battery delivers about 3 hours of use, but playing time varies from disc to disc. If the battery will not be used for a long period of time, fully charge the battery prior to storage.

Working conditions and precautions for the rechargeable battery

- New batteries should be fully charged before initial use.
- Battery should only be used and charged when temperatures are between 32-100F.
- Never put the battery in fire or water.
- Do not expose the battery to high temperatures or store in hot, sunny places.
- Maintain well-ventilated conditions around the product to avoid overheating.
- Don't put the product on a bed, sofa or anything that may block ventilation to the product.
- Do not short the battery terminals.
- Do not open the battery.
- Detach the battery after charging is complete. When charging the battery pack, the charge light will turn red, when the charging is complete, the light will turn green.
- Detach the battery when it is not in use.
- When the battery is weak, " " will appear on the LCD screen and about five minutes later, the player will power OFF automatically.

WARNING:

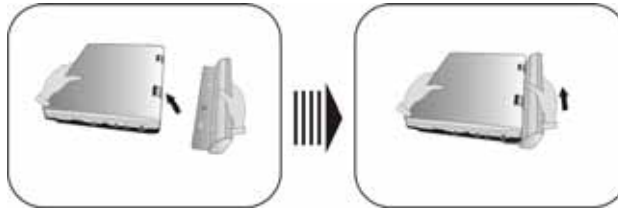
Do not touch any metal objects to the battery connectors, as it will make the battery in standby mode. To exit the standby mode, connect the battery and DVD player to AC or DC power.

Rechargeable Battery

Attaching the Battery Pack

Refer to the following steps for attaching the Battery Pack:

1. Make sure the player is off and the AC or car adapter is disconnected.
2. Place the DVD player on a soft and smooth surface.
3. With one hand on the DVD player to prevent it from moving, take the battery and align the plastic tabs on the battery pack with holes on the player, and push the battery pack into the DVD player.
4. The battery pack will click into place.



Charging the Battery Pack

The battery pack must be attached to the DVD player to charge it using the supplied AC or car power adapter.

1. Attach the battery pack to the DVD player, as shown above.
2. Plug the supplied AC Power Adapter into the player's power jack marked "DC 9.5V IN", located on the right side of the DVD player.
3. Plug the other end of the AC Power Adapter Cord into a household AC Outlet as shown below.



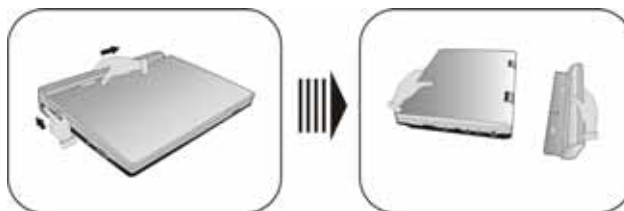
Detaching the Battery Pack

If the DVD Player is not going to be used for long periods of time, the battery pack should first be fully charged and then detached. When the DVD Player is turned OFF, the DVD player is still consuming some power in STANDBY mode. This will eventually discharge the battery.

Make sure the power is turned OFF and the AC or Car Adapter is disconnected before detaching the Battery Pack.



To detach the Battery Pack:

1. Push the battery pack latch toward the rear of the player and slide the rechargeable battery from the main unit (see drawings below).
2. Store the rechargeable battery in a safe place.



Notes on Discs

Compatible Disc Formats

COMPATIBLE FORMAT	DISC LOGO	DIAMETER	PLAYBACK TIME/ PLAYABLE SIDES
DVD		12cm	133 min (SS-SL)
			242 min (SS-DL)
			266 min (DS-SL)
			484 min (DS-DL)
		8cm	41 min (SS-SL)
			75 min (SS-DL)
82 min (DS-SL)			
150 min (DS-DL)			
CD		12cm	74 min
		8cm	20 min
JPEG		12cm	

Operation methods of some DVD discs are specified by the software manufacturer. Please follow the instructions of the disc.

Care of Discs

Holding Discs

Do not touch the playing surfaces when loading or removing discs.



Cleaning

Fingerprints or stains on the disc may affect the quality of sound and picture. Clean your discs using a soft clean cloth to wipe them. If necessary, moisten the cloth with mild soapy water to remove heavy dirt or fingerprints.



Do not wipe in a circular direction. Concentric scratches on the disc tend to result in noise. Gently wipe from the center of the disc to the outer edge.



Playback Operation

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE USING YOUR DVD PLAYER FOR THE FIRST TIME.

WARNING: Only use high quality discs, poor quality discs could damage the player's lens.

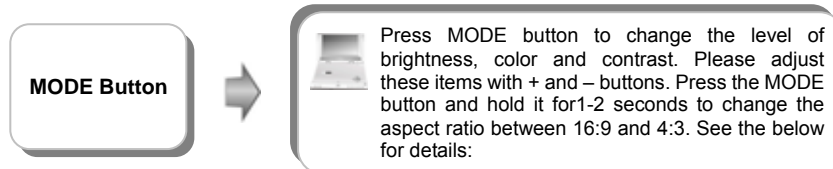
Pre-operation

1. Connect the unit to power supply through the provided AC adaptor.
2. Switch "POWER ON/OFF" to "ON" on the left panel to turn on the DVD player. The main unit power indicator light is green and screen displays an initial image.
3. Push OPEN button on the unit to open the disc tray cover, put a disc in the disc tray with printed side facing up. Close the disc cover. (See below)



4. The player will search disc and play it automatically.
5. Adjust the volume with the VOLUME control on the right panel to the desired level.
6. To turn the player off, switch the "POWER ON/OFF" on the left panel to "OFF".



Basic Operation





Playback Operation

Basic Operation (continued)

ZOOM Button →


 For DVD disc, press ZOOM button to display the image as 2x-3x-4x-1/2-1/3-1/4-normal size in sequence.
 For JPEG disc, press ZOOM button first, then press **▶▶** button to zoom in the picture in proportion of: 125%-150%-200%; press **◀◀** button to zoom out the picture in proportion of: 75%-50%.
This function is not available for CD disc.

A-B Button →



 During disc playback, press A-B button to select the segment that you want to play repeatedly. Press once to select the beginning point "A", press again to select the end point "B", then the player will play the selected segment repeatedly. Press A-B button again to cancel the repeat function.
 This function is not available for JPEG disc.

DVD Playback



PLAY →

 Load a disc in, the player will search the disc and play it automatically, press direction buttons **◀ ▶ ▲ ▼** to highlight the item that you want to play and press ENTER button to confirm.

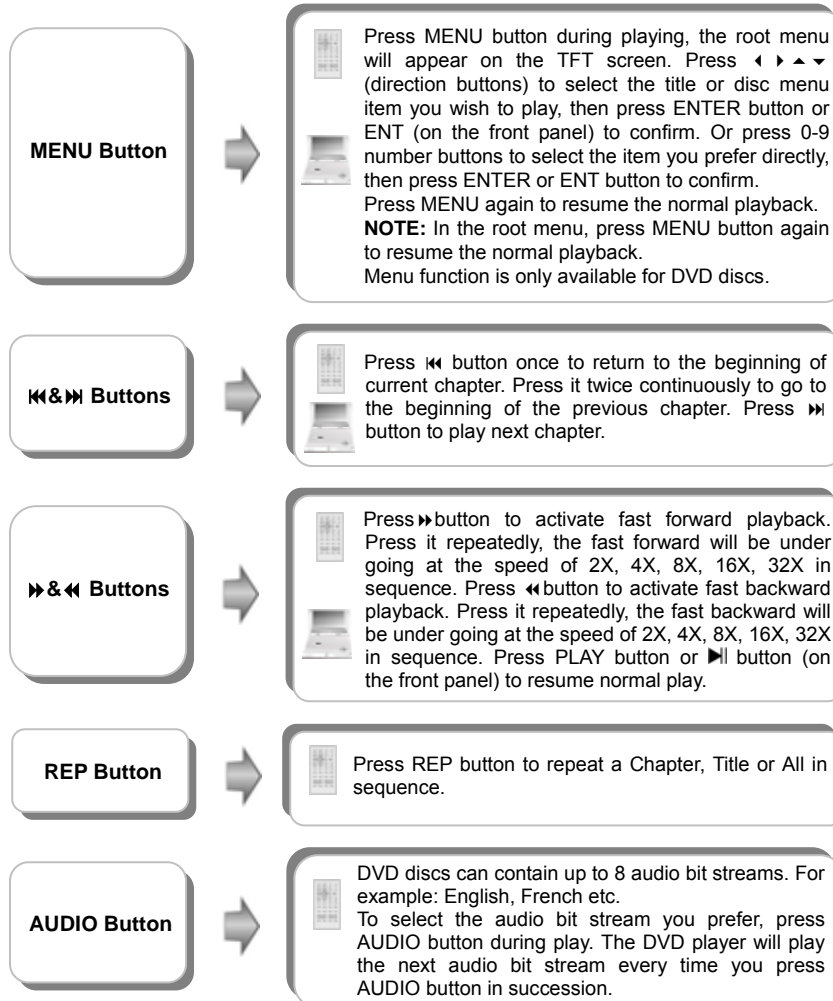
PAUSE →

 Press PAUSE button to pause during play, and press it again to resume normal play.
 Press **▶||** button to pause during play, and press it again to resume normal play.

STOP →

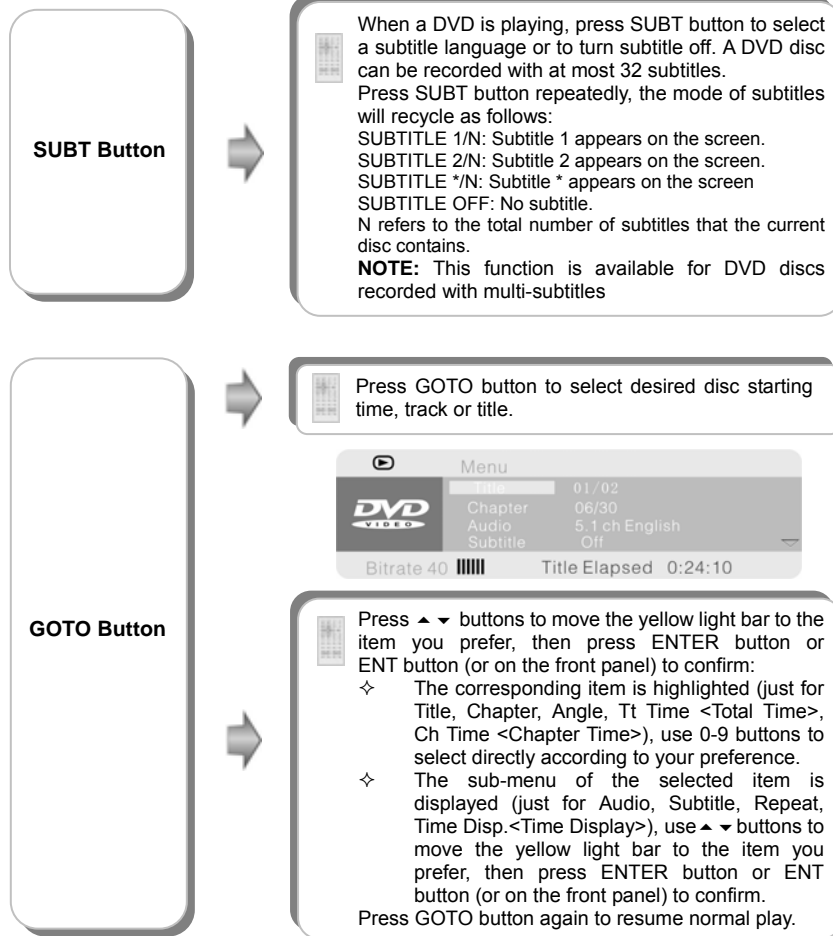
 During playback, press STOP button once to stop playing, then press PLAY button to resume normal playback from the place where STOP button is pressed. Press it twice repeatedly to stop playback completely.
 During playback, press **■** button once to stop playing, then press **▶||** button to resume normal playback from the place where **■** button is pressed. Press it twice repeatedly to stop playback completely.

DVD Playback (continued)





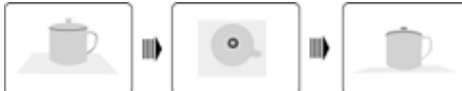







Playback Operation

DVD Playback (continued)



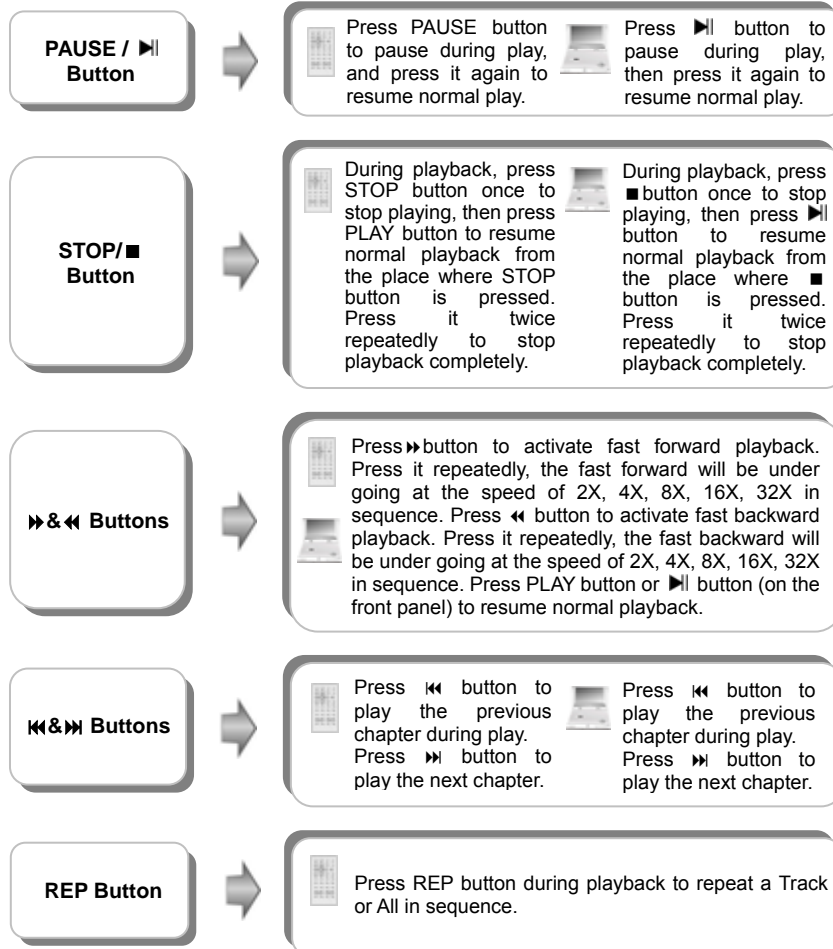
DVD Playback (continued)

INFO Button	➔	 Press INFO button for detailed information on the disc playing. Press it repeatedly to display as follows: <i>Title Elapsed</i> ➔ <i>Title Remain</i> ➔ <i>Chapter Elapsed</i> ➔ <i>Chapter Remain</i> ➔ <i>Display Off</i>
SLOW Button	➔	 Press SLOW button to activate slow forward and slow backward playback in order of: s.f.1/2 - s.f.1/4 - s.f.1/8 - s.f.1/16 - s.r.1/2 - s.r.1/4 - s.r.1/8 - s.r.1/16 - normal play. (s.f.:slow forward, s.r.: slow rewind). Press PLAY or  button to resume during slow playback.
ANGLE Button	➔	 Press ANGLE button during playing to play the disc from multi-angle. Multi-angle means that a scene is shot from different angle so that audience can watch from any angle, like the drawings below:  If there are multiple angles in a scene, you can use the ANGLE button to select the angle you like to enjoy. Press the ANGLE button repeatedly to view from different angle. NOTE: This function is only available for the DVD disc that coded with multi-angle.
TITLE Button	➔	 In general, the contents of a DVD disc can be divided into several titles, and also there are several menus in a title. Press TITLE button during playback. The title menu will appear on the screen. Press direction buttons     or press 0-9 number buttons to select the title or disc menu item you want to watch, then press ENTER button to confirm.

Playback Operation

CD Playback

Buttons Operation



CD Playback (continued)

GOTO Button



Press GOTO button to select desired disc starting time, track starting time or track. During CD playback, press it repeatedly to display as follows:

Disc Go To:--:-- Track Go To:--:-- Select Track:--/N

N refers to the total track number of the disc.

Use 0-9 buttons on the remote control to select directly.

INFO Button



Press INFO button for detailed information on the disc playing. Press it repeatedly to display as follows:



NOTE: * refers to the playing track number.

N refers to the total track numbers of the disc.

AUDIO Button



Press AUDIO button to select desired sound effect.

Press it repeatedly, the display will be as follows:


Mono Left → Mono Right → Mix-Mono → Stereo

Keep pressing for about 2 seconds to remove display from screen.

Playback Operation

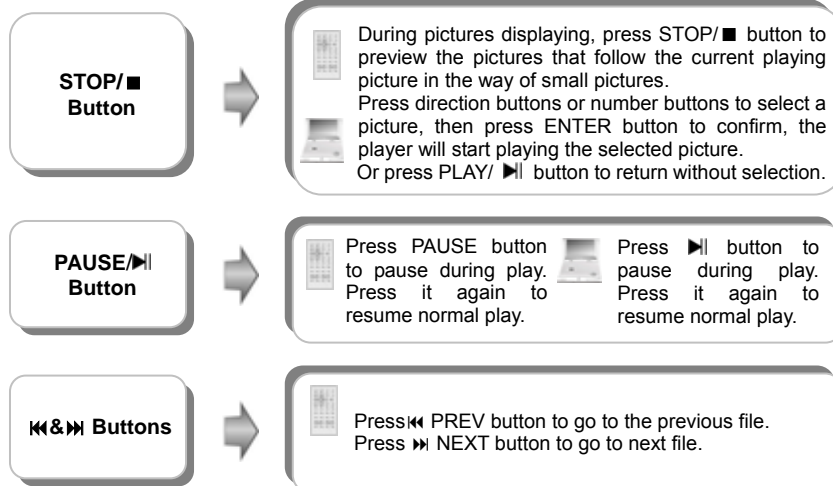
Picture CD Playback

Pre-operation

1. Load a Picture CD disc in the disc tray, the player will read the disc automatically.
2. The screen displays the Root Folder with several subdirectories/subfolders. Use ▲, ▼ direction buttons to select a desired folder. (See page 36). Then you can press any of the following button to confirm your selection: ▶, ENTER, PLAY (on the remote control), ►|, ENT, (on the front panel),
3. The screen enters the selected subfolder with several files. Use ▲, ▼ direction buttons to select the desired file. Then press ENTER button on remote control or ►| button on front panel to confirm your selection and the player starts playing.
4. In the folder mode, press ◀ button to return to last folder or directory. Or move the yellow light bar to  .., then press ENTER button on the remote control or ►| button on front panel to confirm.

NOTE: Many discs have other items besides pictures.


Buttons Operation



Picture CD Playback (continued)

MENU Button



Press MENU button during play to return to root folder. Press PLAY button or  (on the front panel) to resume normal play.

REP Button



Press REP button to repeat a file, folder in sequence. Press it repeatedly, the display will be as follows:
Shuffle → Random → Single → Repeat One → Repeat All → Repeat Off

- ◇ Shuffle refers to repeat files of current folder randomly without obeying the original order.
- ◇ Random refers to play the files of current folder discretionarily without obeying the original order. After playing the whole folder, the play will be stopped automatically.
- ◇ Single refers to only play current file. As soon as it comes to an end, play will be stopped.
- ◇ Repeat One refers to repeat current file.
- ◇ Repeat All refers to repeat all files of current folder according to original order.
- ◇ Repeat Off refers to cancel repeat.


This function is only available under normal play mode, it doesn't work under repeat status.

GOTO Button



During playback, press GOTO button to select the desired file. **Select : ----**
Press 0-9 buttons directly to select according to your preference.

Press ENTER button to confirm.

In folder mode, press it to highlight the file number which is currently under yellow light bar, press 0-9 buttons to select directly, then press ENTER button or  button (or on the front panel) to confirm.

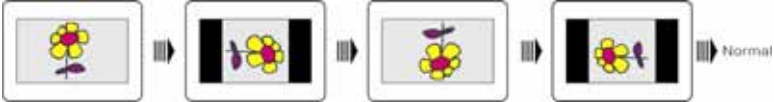
Playback Operation

Picture CD Playback (continued)

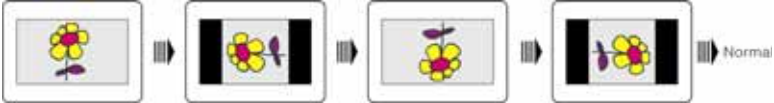
Picture Rotate

While viewing a picture, use direction buttons ▲, ▼, ►, ◀ to rotate the picture.

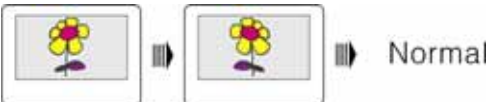
Press ► button to rotate the current picture clockwise:



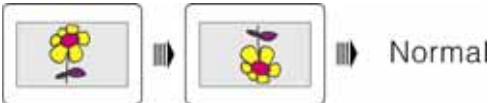
Press ◀ button to rotate the current picture anti-clockwise:



Press ▼ button to rotate the current picture flip horizontal:



Press ▲ button to rotate the current picture flip vertical:



System Setup

You can change the default settings of this unit to customize its performance to your own preference.

NOTE: Set up the system while playing is stopped or there is no disc in the player.

To set up your system:

1. Press the SETUP button on the remote control.
2. The setup menu will appear on the screen. It includes General Setup Page, Speaker Setup page, Dolby Digital Setup, Video Setup Page and Preference Page. You can exit from the setup menu by pressing SETUP button again at any time during setting.
3. Press ◀ or ▶ (direction buttons) to select a sub-menu to set up.
4. Press ▲ or ▼ (direction buttons) buttons to select the item that you want to set up in the sub-menu.

General Setup Page



The items included in this sub-menu are shown as the left.



1.TV Display

This item is used to set TV display mode. Press ▲ or ▼ button to highlight this item. Press ENTER or ▶ button to enter the setup of this item. It includes Normal/Ps, Normal/Lb and Wide. Press ▲ or ▼ button to choose the proper one. Press ENTER to confirm your selection. Press ◀ to exit from this item.

NOTE: Select Normal/Ps or Normal/Lb when a 4:3 TV is connected. Select Wide when a 16:9 wide screen TV is connected.

System Setup

General Setup Page



2.Angle Mark

This item is used to turn the Angle Mark on or off. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. Press \blacktriangle or \blacktriangledown button to choose turn angle mark On or Off. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.



3.OSD Language

This item is used to set the OSD (on-screen display) language. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. It includes English, French and Spanish, etc. English by default. Press \blacktriangle or \blacktriangledown button to choose the proper one. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.



4.Captions

This item is used to turn the captions on or off during playing. Press the \blacktriangle or \blacktriangledown button to highlight this item. Press the ENTER or \blacktriangleright to enter the setup of this item. Press the \blacktriangle or \blacktriangledown button to choose On or Off. Press the ENTER button to confirm your selection. Press the \blacktriangleleft direction button to exit this item.



5.Screen Saver

This item is used to turn the screen saver On or Off. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. Press \blacktriangle or \blacktriangledown button to choose on or off. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.

General Setup Page



6. Last Memory

This item is used to set last memory state.

NOTE: The last memory is referred to the state that if you stop watching a program on DVD and go back to it later, the program begins playing from where you are left off. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright button to enter the setup of this item..

Press \blacktriangle or \blacktriangledown button to choose On or Off.

Press ENTER to confirm your selection.

Press \blacktriangleleft to exit from this item.

Speaker Setup Page



The item included in this sub-menu is shown as the left.



1. Downmix

This item is used to set downmix mode.

Press \blacktriangle or \blacktriangledown button to highlight this item.

Press ENTER or \blacktriangleright to enter the setup of this item.

It includes Lt/Rt and Stereo.

NOTE: The function of Lt/Rt is to output mixed audio in the format provided by Dolby. The function of stereo is to output stereo signal.

Press \blacktriangle or \blacktriangledown button to choose the proper one.

Press ENTER to confirm your selection.

Press \blacktriangleleft to exit from this item.

System Setup

Dolby Digital Setup



The items included in this sub-menu are shown as the left.



1. Dual Mono

This item is used to set the output mode of channel. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. It includes Stereo, L-Mono, R-Mono and Mix-Mono. Press \blacktriangle or \blacktriangledown button to choose the proper one. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.



2. Dynamic

This item is used to adjust linear dynamic compression rate to get different signal compression effects. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. Then the item will show as the left. Press \blacktriangle or \blacktriangledown to choose the proper level. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.

Video Setup Page



The items included in this sub-menu are shown as the left.

Video Setup Page



1. Sharpness

This item is used to adjust the sharpness of the screen.

Press \blacktriangle or \blacktriangledown button to highlight this item.
Press ENTER or \blacktriangleright to enter the setup of this item.
It included High, Medium and Low.
Press \blacktriangle or \blacktriangledown button to choose the proper one.
Press ENTER to confirm your selection.
Press \blacktriangleleft to exit from this item.



2. Brightness

This item is used to adjust brightness level of the screen.

Press \blacktriangle or \blacktriangledown button to highlight this item.
Press ENTER or \blacktriangleright to enter the setup of this item.
Press \blacktriangleleft or \blacktriangleright button to reach the desired level.
The default level is 00.
Press ENTER to confirm your selection.



3. Contrast

This item is used to adjust contrast level of the screen.

Press \blacktriangle or \blacktriangledown button to highlight this item.
Press ENTER or \blacktriangleright to enter the setup of this item.
Press \blacktriangleleft or \blacktriangleright button to reach the desired level.
The default level is 00.
Press ENTER to confirm your selection.

Preference Page



The items included in this sub-menu are shown as the left.

NOTE: This sub-title can only appear in the state that no disc is in the DVD drive.

System Setup

Preference Page



1. Audio

This item is used to set the audio output language. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENT or \blacktriangleright to enter the setup of this item. The available languages are English, French, Spanish, etc. Press \blacktriangle or \blacktriangledown button to choose the preferred Language. Press ENT to confirm your selection. Press \blacktriangleleft to exit from this item.



2. Subtitle

This item is used to set the language of subtitle. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. The available languages are English, French, Spanish, etc. Press \blacktriangle or \blacktriangledown button to choose the preferred Language. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.



3. Disc Menu

This item is used to set the language of disc menu. Press \blacktriangle or \blacktriangledown button to highlight this item. Press ENTER or \blacktriangleright to enter the setup of this item. The available languages are English, French, Spanish, etc. Press \blacktriangle or \blacktriangledown button to choose the preferred Language. Press ENTER to confirm your selection. Press \blacktriangleleft to exit from this item.

Preference Page



4. Parental

DVD discs are rated according to their contents, and their settings vary from disc to disc. The function of this item is to set parental control. You can lock out certain scenes of the discs, or lock out the whole disc depending on the contents of the disc after setting this item.

Press \blacktriangle or \blacktriangledown button to highlight this item.

Press ENTER or \blacktriangleright to enter the setup of this item.

Then the item will show as the left.

Press the \blacktriangle or \blacktriangledown button to choose the proper one.

Press the ENTER button to confirm your selection.

Input the password. (See password) and press the ENTER button again to return to the preview menu.



5. Password

Parental control is protected by password. This item is used to change the password of the parental control.

The default password is 1369.

Press the \blacktriangle or \blacktriangledown button to highlight this item.

Press the ENTER or \blacktriangleright button to enter the item.

Choose a password most suitable for you.

Press the ENTER button to confirm your enter.

Press the \blacktriangleleft button to exit this item.



6. Default

This item is used to reset the unit.

Press \blacktriangle or \blacktriangledown button to highlight this item.

Press ENTER to reset.

Then all the settings of your unit are back to the original state.

Definitions

Letterbox Screen

This refers to a screen on which the playback picture of wide-screen DVDs appears with black bands running along the top and bottom.

Pan & Scan Screen

This refers to a screen on which the playback picture of wide-screen DVDs is cut off at the left and right sides.

Title, Chapter (DVD)

DVDs are divided into some large sections (titles) or some small sections (chapters). Each section is numbered: these numbers are called "Title number" or "Chapter number".

Title 1	Title 2
Chapter1	Chapter 1
Chapter2	
.....

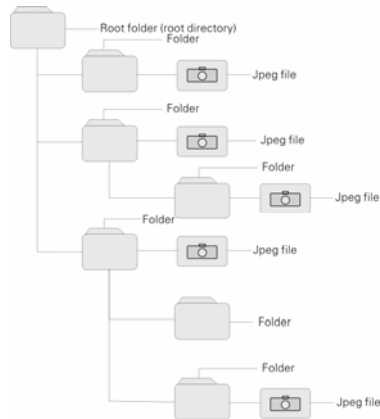
Track (CD)

CDs are divided into some sections (tracks). Each section is numbered; these numbers are called "Track number".

Track 1	Track 2	Track 3
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JPEG

JPEG is a common picture format that has small file size and low quality loss rate of picture. Hundreds of pictures can be stored in a disc in this format. In order to utilize real digital album, use film to make a "PICTURE CD" in JPEG format.



Troubleshooting

If you suspect there is something wrong with the DVD player, immediately turn the power off.

Disconnect the power connector and check that there is no smoke or excessive heat coming from the unit.

Never open or try to repair the unit yourself. There are no user serviceable parts inside.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
The player cannot play.	The disc cover may not be closed.	Close the disc cover.
	There may not be any discs in the DVD drive.	Put a disc in to the DVD drive.
	The disc may not be put in the right way.	Put the disc in with the label side up.
	The disc may be dirty or warped.	Clean or change the disc.
	The player's region code may not be the same as the region code of DVD disc.	Make sure the player's region code is the same as the region code of DVD disc.
	There may be water on the lens.	Remove the disc and keep the player being powered off for at least two hours.
There is no sound .	The system connection may be not correct.	Connect the system correctly.
	The speakers may be turned down.	Turn on the speaker.
	The sound setup of the DVD disc may be not correct.	Setup the sound of the DVD correctly.
	The disc may be dirty or warped.	Clean or change the disc.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
There is no picture.	The LCD may be off or not be in correct video mode.	Turn on the LCD and choose the correct video mode.
	The system connection may be not correct.	Connect the system correctly.
	The unit may be not in AV out mode.	Switch AV tab on the bottom of the unit to out.
Poor AV performance.	The disc may be dirty or warped.	Clean or change the disc.
The remote control does not work	There may be some obstructions between the remote control and the player.	Remove the obstruction between the remote control and the player.
	The remote control may not be pointed at the player.	Point the remote control at the player directly.
	The batteries of remote control may not be inserted correctly.	Make sure the polarity of each battery is correct.
	The batteries of remote control may be out of power or weak.	Replace the batteries.

Other Possibilities:

Static or other external interference may cause the player function abnormally. In order to recover normal status, please unplug the power-supply cord and then plug it into the outlet again to reset the player. If the problems still exist, please cut off the power supply and consult your service center or the qualified technician.

Specifications

TFT Screen Size		10.2 inches
Video System		NTSC
Frequency Response		20Hz ~ 20kHz ± 2.5dB
Audio Signal-to-Noise Rate		85dB
Audio Distortion + Noise		- 65dB (1kHz)
Channel Separation		70dB (1kHz)
Dynamic Range		80dB (1kHz)
Audio Out	Analog Audio Out	Out level: $1.5V_{\pm 0.2}$, Load: 10k
Video Out	Video Out	Out Level: $1V_{p-p} \pm 0.2$, Load: 75Ω Unbalanced Negative
Power	AC 100-240V ~ 50/60Hz	
Power Consumption	< 25W	
Dimensions	269mmX192mmX32mm (L*W*D)	
Weight (with battery)	Approximate 1.7 Kg	

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Warranty

Thank you for purchasing Ferro works Nortech Media products. Ferro works (Hereinafter called the company) will provide **90 days** of guarantee from the date of purchase, please read the following terms and conditions: (Please keep this warranty certificate and purchase receipt properly, they must be present when enjoying guarantee).

- 1) If any defect appears within **7 days** from the date of purchase, you can go to retail store for replacement.
- 2) Warranty certificate and purchase receipt should be present to our staff during each service. If any one of them is missing, service fee will be charged accordingly.
- 3) Guarantee will be **INVALID** in the following situations:
 - The product has been modified and repaired by unauthorized technician.
 - Defect caused by improper usage, installation or affected by natural disaster.
 - Defect caused by incorrect voltage.
 - Serial number label or Model no. has been corrected or removed.
 - The seal has been removed or broken.
- 4) The company will not provide house call service, defective product should be directly returned to below address. (Note: Do not return to retail store.)
Ferro Works Inc.
619 Slack Street
Steubenville, OH 43952 USA
Tel:866-578-0101
E-mail:service@ferro-works.com

The company reserves the right of ownership of any replaced defective part.

- 5) For any repaired product which is no longer under this warranty, the customer will be charged for corresponding freight cost and repair fee.
- 6) Guarantee is valid in Unites states only.
- 7) In case of any dispute, the company reserves the right for final judgment and decision.

Ferro Works Inc.

WARRANTY CERTIFICATE

Name(Mr/Mrs/Ms): _____ Tel.No.: _____
Address: _____
City _____ State _____ Zip code _____
E-mail: _____
Purchase Date: dd mm yy
Dealer's Name: _____ Receipt/Invoice No.: _____
Model No.: _____ Serial No.(If any): _____

The warranty certificate will be valid only after it is properly filled in, present together with the purchase receipt, returned to and received by Ferro Works Inc.